

Comparisons of Job Characteristics

Focus Occupation: Actuaries (15-2011)

Associated Occupation: Statistical Assistants (43-9111)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 79

Focus Occupation: Actuaries (15-2011)

Associated Occupation: Statistical Assistants (43-9111)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mathematics	9.2	17.6	24.8	>>	Current knowledge level is likely more than sufficient
Computers and Electronics	8.4	15.2	15.9	0	Current knowledge level may be sufficient
Clerical	7.3	12.7	5.3	<<	Extensive education and/or training may be required
Customer and Personal Service	11.3	11.1	7.4	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 77

Focus Occupation: Actuaries (15-2011)

Associated Occupation: Statistical Assistants (43-9111)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mathematics	6.2	17.3	17.2	0	Current skill level may be sufficient
Programming	2.2	11.2	6.7	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 96

Focus Occupation: Actuaries (15-2011)
Associated Occupation: Statistical Assistants (43-9111)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mathematical Reasoning	6.3	17.8	17.3	0	Current ability level may be sufficient
Number Facility	6.3	16.2	17.0	0	Current ability level may be sufficient
Near Vision	11.1	13.2	14.1	0	Current ability level may be sufficient
Category Flexibility	9.0	11.5	12.0	0	Current ability level may be sufficient
Information Ordering	9.9	11.5	12.6	0	Current ability level may be sufficient
Selective Attention	8.7	10.1	11.1	0	Current ability level may be sufficient
Memorization	5.6	7.4	7.2	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 73

Focus Occupation: Actuaries (15-2011)
Associated Occupation: Statistical Assistants (43-9111)

Work Activities	Exclusivity of Activity
Collect statistical data	47
Compile numerical or statistical data	38
Create mathematical or statistical diagrams or charts	43
Prepare reports	8
Use computers to enter, access or retrieve data	3
Use relational database software	26
Use spreadsheet software	18
Use word processing or desktop publishing software	17

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 89

Focus Occupation: Actuaries (15-2011)
Associated Occupation: Statistical Assistants (43-9111)

Tools and Technologies	Exclusivity
Business function specific software	1
Calculating machines and accessories	3
Computers	1
Content authoring and editing software	1

Data management and query software	1
Development software	4
Finance accounting and enterprise resource planning ERP software	2
Industry specific software	1
Information exchange software	1

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.